ннн	ннн	LLL	DDDDDDDDDDDD	
нин	ннн	LLL	DDDDDDDDDDDD	
нин	нин	III	DDDDDDDDDDDD	
ннн	ннн	iii		DD
нин	ннн	iii		00
нин	ннн	iii		00
ннн	ннн	ili		
				OD
нни	ннн	LLL		DD
нин	ннн	LLL		OD
	ининини	LLL		OD
нининин		LLL		OD
нининини	нининин	LLL	DDD DI	DO
ннн	HHH	LLL	DDD DD	OC
ннн	ннн	LLL	DDD DI	
нин	ннн	III	DDD DC	
ннн	ннн	ill	DDD DC	
нин	ннн	iii	DDD DC	
ннн	ннн	iii		
			DDD DD	טי
ннн	ннн	LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL	DDDDDDDDDDD	
ннн	ннн	LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL	DDDDDDDDDDD	
ннн	ннн	LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL	DDDDDDDDDDD	

HH HH HH HH HHHHHHHH HH HH HH HH HH		DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	AAAAAA AA AA AA AA		AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
		\$				

0000 0000 0000

0000

0000

```
TITLE HLDDATA - HLD DATA STORAGE
```

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: FACILITY: DECNET HOST LOADER (HLD)

ABSTRACT:

: *

HLD IS A COMPONENT OF DECNET-VAX. IT PROVIDES ACCESS TO RSX11S TASK IMAGES STORED ON A VAX/VMS SYSTEM.

ENVIRONMENT:

THE HLD IMAGE EXECUTES IN THE CONTEXT OF A PROCESS CREATED BY NETACP. IT RUNS IN USER MODE AND REQUIRES NETWORK PRIVILEGE.

AUTHOR: SCOTT G. DAVIS.

CREATION DATE: 11-MAY-79

MODIFICATIONS:

INCLUDE FILES:

MACROS:

NONE

.PSECT HLD\$PURE

NOSHR, NOEXE, RD, NOWRT, LONG

```
6 1
HLDDATA
VO4-000
                                                                                                                                        16-SEP-1984 01:40:23 VAX/VMS Macro V04-00 5-SEP-1984 01:28:16 [HLD.SRC]HLDDATA.MAR;1
                                                           - HLD DATA STORAGE
                                                                                                                                                                                                                                     Page
                                                                                    58 : EQUATED SYMBOLS:
                                                  00000200
                                                                                         HLD_DISK_SIZE = 512
                                                  00000000
00000000
00000002
00000004
00000006
                                                                                        HLDST_TASK == 0
HLDSW_XFR_SIZE == 0
HLDSB_NLURS == 2
HLDSW_PART_ADDR == 4
HLDSW_PART_SIZE == 6
HLDSB_LUN_FLAG == 8
HLDSB_REQUEST == 9
HLDSB_REQUEST == 9
                                                                                                                                                                       OPDATA offset to task name
                                                                                                                                                          OPDATA Offset to transfer size
OPTDATA offset to transfer size
OPTDATA Offset to number of luns to fix
OPDATA OFFSET TO PARTITION ADDRESS
OPDATA OFFSET TO PARTITION SIZE
OPDATA OFFSET TO LUN-FIXING FLAG
OPDATA OFFSET TO REQUEST TYPE
                                                   80000008
                                                   00000009
                                                   A000000A
                                                                                         HLD$L_OVL_VBN == 10
                                                                                                                                                                    : OVERLAY REQUEST VBN
                                                                                          : GLOBAL STORAGE:
                                                                                         : DEVICE NAME AND LOGICAL NAME DESCRIPTOR BLOCKS WITH TEXT
                                                                                                                                                                   ; DEVICE NAME DESCRIPTOR BLOCK
                                                                                         HLD$GQ_LNKNAM::
                                                                                                        .ASCID /_NET:/
                                                                                                                                                                   ; FOR THE LINK
     3A 54 45 4E 5F 00000008'010E0000'
                                                                                         HLD$GQ_SYSNAM::
                                                                                                                                                                    : LOGICAL NAME DESCRIPTOR BLOCK
45 4E 24 53 59 53 00000015'010E0000'
                                                                                                      .ASCID /SYS$NET/
                                                                                                                                                                    : FOR SYSSNET
                                                              0000000
                                                                                                    .PSECT HLD$IMPURE
                                                                                                                                                    NOSHR, NOEXE, RD, WRT, LONG
                                                                     0000
                                                                                        HLD$GQ_NCBDESC::
HLD$GT_NCBBUF:: .BLKB
HLD$GQ_NODEDESC::
                                                                                                                                                                    : NCB DESCRIPTOR
                                                  00000008
                                                                                                                                     BLKQ
                                                                                                                                                                    NCB BUFFER NODE NAME DESCRIPTOR
                                                  00000008°
00000058
                                                                                                                                      .BLKL
                                                                                                                                                    HLD$GT_NCBBUF : NODE IS IN BUFFER

1 : LOGICAL LINK IOSB

: PRINT BUFFER DESCRIPTOR
                                                                                                                     .ADDRESS
                                                                                        ADDRE
HLD$GQ_LNKIOSB::
HLD$GQ_PRTBUF:: .LONG
.ADDRESS
HLD$GW_LNKCHN:: .BLKW
HLD$GW_IOFUNC:: .WORD
HLD$GW_SAVEFUNC::
HLD$GL_IOROUT_1::
.ADDRESS
HLD$GL_IOROUT_2::
.ADDRESS
HLD$GL_IOPARAM1::
                                                                                                                                      BLKQ
                                                   80000008
                                                  HLD_AB_PRTBUF
                                                                                                                                                                   : LOGICAL LINK CHANNEL
: HOLDS I/O FUNCTION - START WITH CONFIRM
                                                                                                                                      10$_ACCESS : HOLDS I/O FUNCTION - START WITH CONFIRM .WORD IO$_WRITEVBLK ; HOLD NETWORK READ/WRITE FUNCTION
                                                  00000000
                                                                     0066
                                                                                                                                      HLD$DISK_READ
                                                                                                                                                                  : ADDRESS OF I/O ROUTINE 1
                                                  00000000°
00000000
00000076
0000007A
                                                                                                                                                                   ADDRESS OF I/O ROUTINE 2
HOLDS I/O P1
HOLDS I/O P2
HOLDS ADDRESS OF REQUEST TYPE
LENGTH OF PRINT BUFFER
                                                                                                                                      HLDSNET_10
                                                                                        HLD$GL_IOPARAM1::
HLD$GL_IOPARAM2::
HLD$GT_OPER:: .BLKA
HLD$GW_PRTLEN:: .BLKW
HLD$GW_IOLEN:: .WORD
HLD$GB_ERRORFLG::
HLD$GB_MAPFLAG::
                                                                                                                                       .BLKL
                                                                                                                                                                   LENGTH OF PRINT BUFFER
Length of non-overlay block transfer
NUMBER OF ERROR MESSAGE, IF ANY
TASK FLAG - 0=>MAP (DEFAULT)
                                                  0000007C
0200
                                                                                                                                     512
                                                                                                                                      BYTE.
                                                             00
                                                                                                                                                                                                 1=>UNM
                                                  01
00
06
0000089
                                                                                  105
106
107
                                                                                                                                                                    General purpose task flag - 1=>GP
Lun-fixing flag
FIXED LENGTH OF TASK NAME
FOR HOLDING COUNTED DECODED TASK NAME
                                                                                         HLD$GB_GPFLAG:: .BYTE
HLD$GB_LUNFLAG::
HLD$AT_TSKBUF:: .BYTE
                                                                                                                                   BYTE
                                                                                  108
109
110
                                                                                                                        .BLKB
                                                                                                        .ALIGN LONG
                                                                                                                                                                    : REQUIRED FOR FABS AND RABS
                                                                                         HLDSTSKFAB::
                                                                                                                                                                   : FAB FOR TASK FILE
```

HLD\$GW_DATRSZ == HLD\$DATRAB+RAB\$W_RSZ HLD\$GL_DATRBF == HLD\$DATRAB+RAB\$L_RBF HLD\$GL_RECEND:: .BLKL 1

132

HLD_DISK_SIZE

HLD_AB_NAMEBUF: .BLKB

BLKB 200 HLDSAB_BUFFER:: BLKB

.END

: ADDRESS OF RECORD LENGTH : ADDRESS OF RECORD POINTER

PRINT BUFFER

1/0 BUFFER

SAVE SOME SPACE

POINTER BEYOND END OF RECORD

FOR MATCHING TASK NAME, ETC.

00000226 0000022C 0000024C

000002D0

00000398

160

02D0 02D0 0398

HLDDATA Symbol table
SS.TABEND SS.TMP SS.TMPX SS.TMPX1 ABSB_DNS ABSB_FNS ABSC_BID ABSC_BID ABSC_SEQ ABSC_VAR ABSL_ALQ ABSL_DNA ABSL_FOP ABSV_BIO ABSV_CHAN_MODE ABSV_GET ABSV_FILE_MODE ABSV_GET ABSV_SQO ABSV_GET ABSV_SQO ABSW_GBC ILDSAB_BUFFER ILDSAB_BUFFER ILDSAT_TSKBUF ILDSB_TLUNS ILDSB_REQUEST ILDSB_REQUEST ILDSB_REQUEST ILDSGB_ERRORFLG ILDSGB_ERRORFLG ILDSGB_ERRORFLG ILDSGB_TSKFNS ILDSGB_TSKFNS ILDSGL_IOPARAM1

HP

SP

SP

16-SEP-1984 01:40:23 VAX/VMS Macro V04-00 5-SEP-1984 01:28:16 [HLD.SRC]HLDDATA.MAR;1

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Psect synopsis!

PSECT name Allocation PSECT No. Attributes NOSHR NOEXE NORD
NOSHR NOEXE RD
NOSHR NOEXE RD
NOSHR EXE RD
NOSHR EXE RD NOVEC BYTE NOVEC LONG NOVEC LONG NOVEC BYTE NOVEC BYTE CON CON CON CON ABS REL ABS REL 00000000 USR USR USR USR ABS NOWRT 0000001C 00000598 00000000 00000020 HLDSPURE HLDSIMPURE NOP NUWRT WRT WRT NOP SABSS **SRMSNAM** USR

Performance indicators

Phase	Page faults	CPU Time	Elapsed Time
Initialization	35	00:00:00.08	00:00:01.23
Command processing Pass 1	132 193	00:00:00.60	00:00:03.67
Symbol table sort Pass 2	120	00:00:00.37	00:00:00.64
Symbol table output	12	00:00:00.89	00:00:03.30
Psect synopsis output	4	00:00:00.03	00:00:00.05
Cross-reference output Assembler run totals	434	00:00:06.71	00:00:00.00 00:00:23.64

The working set limit was 900 pages.
20804 bytes (41 pages) of virtual memory were used to buffer the intermediate code.
There were 20 pages of symbol table space allocated to hold 354 ron-local and 0 local symbols.
160 source lines were read in Pass 1, producing 20 object records in Pass 2.
17 pages of virtual memory were used to define 12 macros.

Macro library statistics

Macro library name Macros defined

\$255\$DUA28:[HLD.OBJ]HLD.MLB;1

\$255\$DUA28:[SYSLIB]STARLET.MLB;2

TOTALS (all libraries)

Macros defined

0

9

499 GETS were required to define 9 macros.

HLDDATA

Psect synopsis

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$: HLDDATA/OBJ=OBJ\$: HLDDATA MSRC\$: HLDDATA/UPDATE=(ENH\$: HLDDATA)+LIB\$: HLD/LIB

0186 AH-BT13A-SE

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